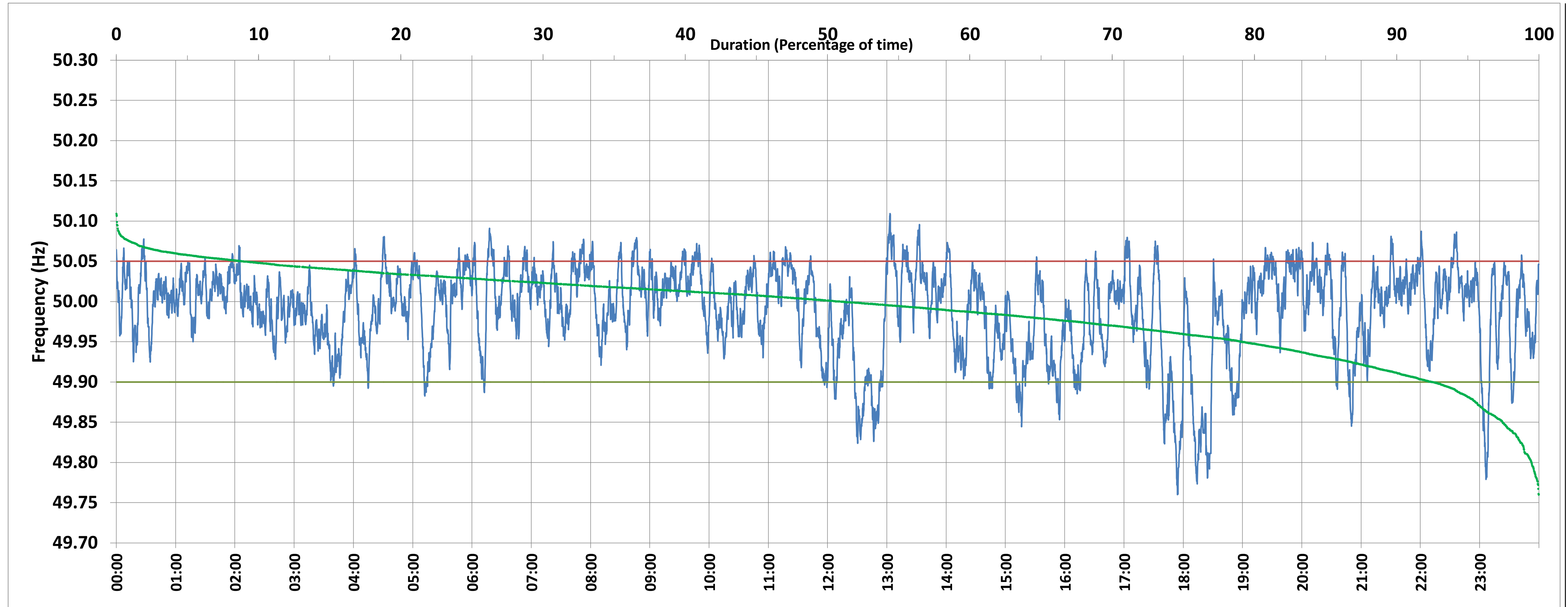


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Oct-2020 (Saturday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	7.45	29.80	0.52	6.93	41.52	51.00	0.03	83.63	100.00	46.35	8.94	50.94	23.84	8.91	0.00	20.83	70.25	13.38

Average Frequency : 49.989	Frequency Variation Index : 0.0318	Standard Deviation : 0.0552	Mileage: 48.9	FDI: 16.4
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Instantaneous Frequency		
Max	50.109	13:03:10
Min	49.760	17:54:10

15 minute Average Frequency		
Max	50.048	20:00:00
Min	49.838	18:30:00

No. of excursions	
above 50.03 Hz	201
below 49.97 Hz	117
above 50.00 Hz	187
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:03:40
above 50.03	0:01:42

No. of hours freq outside 49.9-50.05 Hz	3:55:40
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Source : SLPR4:Frequency 10 Sec. (8640 samples)